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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/899,575B

DATE: 06/06/2003
TIME: 14:40:25

Input Set : A:\CHIR-1631_03USseqlist.txt
Output Set: N:\CRF4\06062003\I899575B.raw

3 <110> APPLICANT: Zur Megede, Jan
 4 Barnett, Susan W.
 5 Egnelbrecht, Susan
 6 van Rensburg, Estrelita Janse
 8 <120> TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C
 9 POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF
 11 <130> FILE REFERENCE: PP01631.102 (CHIR-1631/03US)
 13 <140> CURRENT APPLICATION NUMBER: 09/899,575B
 14 <141> CURRENT FILING DATE: 2001-07-05
 16 <150> PRIOR APPLICATION NUMBER: 09/610,313
 17 <151> PRIOR FILING DATE: 2000-07-05
 19 <160> NUMBER OF SEQ ID NOS: 143
 21 <170> SOFTWARE: PatentIn Ver. 2.0
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 24 <211> LENGTH: 60
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Human immunodeficiency virus
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 33 <212> TYPE: DNA
 34 <213> ORGANISM: Human immunodeficiency virus
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 41 <212> TYPE: DNA
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 45 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic Gag
 46 of HIV strain AF110965
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59 gacaccatca acgaggaggc cgcccgagtgg gaccgcgtgc accccgtgca cgccggcccc 660
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 61 ctgcaggagc agatcgctg gatgaccagc aacccccc tccccgtggg cgacatctac 780
 62 aagcggtgga tcatcttggg cctgaacaag atcggtcgaa tgtacagccc cgtgagcattc 840
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 64 accctgcgcg ccgagcagag caccaggag gtgaagaact ggatgaccga caccctgctg 960
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 67 ctggccgagg cgatgagcca ggccaaacacc agcgtgatga tgcaagaagag caacttcaag 1140
 68 ggcccccggc gcacgtctaa gtgttcacat tgccggcaagg agggccacat cggccgcac 1200
 69 tgcccgcccccc cccgcaagaa gggctgtgg aagtgcggca aggaggggca ccagatgaag 1260
 70 gactgcaccc agcgcacccg caacttcctg ggcaagatct ggcccgacca caaggggccgc 1320
 71 cccggcaact tcttgcaag cccggccggc cccacccgccc ccccccggca gagcttccgc 1380
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 76 <211> LENGTH: 1509
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 81 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic Gag
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 87 ctggagggtct tcgcctgaa cccggccctg ctggagaccc cccggggctg caagcagatc 180
 88 atgaagcgcg tgcagccccc cctgcagacc ggcacccggg agctgcgcag cctgtacaac 240
 89 accgtggcca ccctgtactg cgtgcacccg ggcacccggg tccgcacac caaggaggccc 300
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 96 gcccccggcc agatgcgcga ccccccggc acgcacatcg cccggccac cccgcacccctg 720
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 110 agccagtaa 1509

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112 <210> SEQ ID NO: 5
113 <211> LENGTH: 141
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: Env common
119 region of HIV strain AF110968
121 <400> SEQUENCE: 5
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123 gccatgtacg cccccccat cgccggcaac ctgacacctcg agagcaacat caccggcctg 120
124 ctgctgaccc gcgacggccg c 141
126 <210> SEQ ID NO: 6
127 <211> LENGTH: 1431
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
133 gp120 coding region of HIV strain AF110968
135 <400> SEQUENCE: 6
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138 tgggccaccc acgcctcggt gcccaccgac cccaaacccc aggagatcg gctggagaac 180
139 gtgaccgaga acttcaacat gtggaagaac gacatggtg accagatgca cgaggacatc 240
140 atcagectgt gggaccagag cctgaagccc tgcgtgaagc tgaccccccgt gtcgtgacc 300
141 ctgaagtgc gcaacgtgaa cggccaccaac aacatcaaca gcatgatcga caacagcaac 360
142 aaggccgaga tgaagaactg cagcttcaac gtgaccaccc agtcgcgcga ccccaagcag 420
143 gaggtgcacg ccctgttcta cccgcctggac gtgggtcccc tgcaggccaa caacagcaac 480
144 gatgtacccgc tcatcaactg caacaccgac gccatcaccc aggcctgccc caaggtgac 540
145 ttgcacccca tccccatcca ctactgcacc cccgcggct acggccatct gaagtgcac 600
146 aaccagaccc tcaacggcac cggccctgc aacaacgtg gcaacgtgca gtgcgcac 660
147 gcatcaaggc cctgtggtag caccctcgatc ctgctgaacg gcaacgtggc caagggcgag 720
148 atcatcatcc gcaagcgagaa cctggccaaac aacgccaaga tcatcatcg gcagctgaa 780
149 aagcccggtg agatcggtg cttgcggccccc aacaacaaca cccgcaagag cgtgcgcac 840
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156 gccccccca tgcggccaa cctgacactgc gagagcaaca tcaccggct gtcgtgacc 1260
157 cggcggccg gcaagaccgg ccccaacacgac accgagatct tccggcccccgg cggccggccgac 1320
158 atgcgcgaca actggcgaaa cttgtgtac aagtacaagg tggtgagat caagccctg 1380
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163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

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168 gp140 coding region of HIV strain AF110968
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 173 tggccaccc acgcctgcgt gccacccgac cccaaacccc aggagatcgt gctggagaac 180
 174 gtgaccgaga acttcaacat gtggaagaac gacatggtgg accagatgca cgaggacatc 240
 175 atcagcctgt gggaccagag cctgaagccc tgcgtgaagc tgaccccccgt gtgcgtgacc 300
 176 ctgaagtggc gcaacgtgaa cggccaccaac aacatcaaca gcatgatcga caacagcaac 360
 177 aaggcgaga tgaagaactg cagttcaac gtgaccaccc agtcgcgcga ccgcaagcag 420
 178 gaggtgcacg ccctgtcta ccgcctggac gtgggtcccccc tgcaaggccaa caacagcaac 480
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 180 ttgcacccca tccccatcca ctactgcacc cccgcggct acgcctatcgt gaagtgcac 600
 181 aaccagaccc tcaacggcac cggccctgtc aacaacgtga gcagcgtgca gtgcgtccac 660
 182 ggcattcaacgc ccgtggtag cacccagctg ctgctgaacg gcagcgtggc caagggcgag 720
 183 atcatcatcc gcaaggagaa cctggccaaac aacgccaaga tcatcatcg tcagctgaac 780
 184 aagcccgta agatcggtg cgtggcccc aacaacaaca cccgcaagag cgtgcgcatac 840
 185 ggcccccggcc agaccttcta cggccacccggc gagatcatcg gcgcacatccg ccaggcctac 900
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 188 accacccaca gcttcaactg ccgcggcgag ttcttctact gcgcacaccag ccagctgttc 1080
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 196 atcacccgtg cctgcaggc cccctgtcgt ctgagggca tcgtgcagca gcagaacaac 1560
 197 ctgcgtggcg ccattcgaggc ccaggcgcac ctgcgtcgc tgaccgtgt gggcatcaag 1620
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 201 atcaacaact acaccgacac catctaccgc ctgctggagg agagccagaa ccagcaggag 1860
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 207 <212> TYPE: DNA
 208 <213> ORGANISM: Artificial Sequence
 210 <220> FEATURE:
 211 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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 214 <400> SEQUENCE: 8
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 217 tggccaccc acgcctgcgt gccacccgac cccaaacccc aggagatcgt gctggagaac 180
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 219 atcagcctgt gggaccagag cctgaagccc tgcgtgaagc tgaccccccgt gtgcgtgacc 300
 220 ctgaagtggc gcaacgtgaa cggccaccaac aacatcaaca gcatgatcga caacagcaac 360

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221 aaggcgaga tgaagaactg cagttcaac gtgaccaccg agtcgcgca ccgcaagcag 420
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 225 aaccagaccc tcaacgcac cgccccctgc aacaacgtga gcagcggtca gtgcgcac 660
 226 ggcattcaagc ccgtggtag cacccagctg ctgctgaacg gcagctggc caagggcgag 720
 227 atcatcatcc gcagcgagaa cctggccaaac aacgcacaaga tcatcatcg tgcagctgaa 780
 228 aagcccgta agatcggtg cgtgcggccc aacaacaaca cccgcaagag cgtgcgcac 840
 229 ggcccccggcc agacccatca cgcacccggc gagatcatcg ggcacatccg ccaggcctac 900
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 233 aacagcacct acagccccag cttcaacccgc accggaaaaca agctgaacgg caccatcacc 1140
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 258 <211> LENGTH: 2547
 259 <212> TYPE: DNA
 260 <213> ORGANISM: Artificial Sequence
 261 <214> FEATURE:
 262 <215> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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 263 strain AF110968
 264 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
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 265 strain AF110968
 266 <220> FEATURE:
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 268 <400> SEQUENCE: 9
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 270 ttctggatgc tcatcatcg cagcggtgt ggcaacctgt gggtgaccgt gtactacggc 120
 271 gtgcggcgtgt ggaaggaggc caagaccacc ctgtttctgtca ccacgcacgc caaggcctac 180
 272 gagaccggagg tgcacaaacgt gtggccacc cagccctgcg tgccaccga ccccaacccc 240

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